

Product Design – Year 10 Report Feedback Sheet

Please find below information on each of the topics outlined on your child’s report for GCSE Design Technology: Product Design course. We have broken down each topic into the relevant objectives to help you support your child in improving on their ‘insecure’ or ‘developing’ topics. We have directed you to resources on each of the topics to allow your child to improve further. You can find all of the information you need in the textbook or by online recommended sites such as Technology Student.

Topic 1 -Core Content	Resources Textbook & Online Resources
Product Properties	Page 68-74
Maths-Calculation Percentages	Hegarty Maths

Topic 2 – Core Content	Resources Textbook & Online Resources
Calico Fabric	Page 47
Drawing a fabric net on graph paper	Page 69
Properties of Tracing Paper	Page 71-73

Topic 3 – Core Content	Resources Textbook & Online Resources
Properties of Acrylic	Page 43
Properties of Stainless Steel	Page 38
Carbon Foot Print	Page 14
Calculating cost of items	Hegarty Maths/ Page 299

Topic 4 – Core Content	Resources Textbook & Online Resources
Electronic Components	Page 33
Flow Charts	Page 35
Information Analysis & Bar Charts	Hegarty Maths
Design Strategies in generating ideas	Page 68-74

Topic 5 – Timber Specialist-	Resources Textbook & Online Resources
Modification of given design to meet specification	Page 62-63 / 319-20
Analysing Products to meet specification	Page 62-63 / 319-20
Manufacturing Sustainable Timber	Page 286
Illustration of how materials are joined with screw fittings	Page 294-5 / Page 301
Batch Production	Page 293
Batch production manufacturing processes	Page 9
Manufacturing Sustainable Timber	Page 281
Joining Timber with Screws	Page 304

Topic 6 – Timber Specialist	Resources Textbook & Online Resources
Timber finishing treatments	Page 305
Stock Materials	Page 290
Calculation of tessellation to reduce waste	Page 282
Beech Working Properties	Page 52
Fireproof treatments timber	Page 304-5
Working properties of pine	Page 53
Properties of engineered timber	Page 284
Evaluating data on trend forecasting	Page 89